UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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EXAMINER
VIG, NARESH

ART UNIT	PAPER NUMBER
3629	

DATE MAILED: 12/30/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

	Application No.	Applicant(s)
Office Action Summary	09/766,550	HUBBARD ET AL.
	Examiner	Art Unit
	Naresh Vig	3629

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) FROM
THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed
  after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
  Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any
  earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on <u>20 September 2004</u>.

2a)☒ This action is **FINAL**.   2b)☐ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is
closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) <u>1-48</u> is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) <u>1-48</u> is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All   b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage
application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1)☐ Notice of References Cited (PTO-892)

2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3)☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.

4)☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ .

5)☐ Notice of Informal Patent Application (PTO-152)

6)☐ Other: _____.

U.S. Patent and Trademark Office

PTOL-326 (Rev. 1-04)   Office Action Summary   Part of Paper No./Mail Date 20041227

DETAILED ACTION

This is in reference to response received on 20 September 2004 to the office action mailed on 19 May 2004. There are 48 claims, claims 1 – 48 pending for examination.

Response to Arguments

In response to applicant's argument that reference cited does not provide any citation for the refined recital of reviewing by exception rental claim information from another client system. However, ARMS recites "If the repair takes longer than expected, the insurance company is automatically notified through ARMS" (days authorized by the insurance company is not sufficient to complete the work).

In response to applicant's argument that reference cited does not teach generating any "automated management report" or any "progress report". However, ARMS teaches "automated management reports" and "progress reports" [page 2].

In response to applicant's argument for claim 1 that an example as set forth at page 22, lines 4-10, the reporting capability of the system 120 allows management at any level to review files by exception (e.g., over x number of extensions) to eliminate

problem vehicle rentals before they occur. Without this tool, insurance companies are

only made aware of a "problem" claim file as the invoice is submitted, which is too late

to take any suitable corrective action. With this system 120, management can intervene,

as necessary, to reduce vehicle rental severity before the vehicle rental is concluded.

However, exhibit filed by the applicant on 27 February 2004 states "exception usually

indicates an error condition". Applicant is arguing a limitation not claimed by the

applicant.

In response to applicant's argument that reference cited does not teach does not

disclose any content or structure or method of generating any such report. However,

Structure of query to extract information from database and generate reports is a

business choice to decide what information they want to see on the report, and, design

choice on how the query is generated.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all

obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set
> forth in section 102 of this title, if the differences between the subject matter sought to be patented and
> the prior art are such that the subject matter as a whole would have been obvious at the time the
> invention was made to a person having ordinary skill in the art to which said subject matter pertains.
> Patentability shall not be negatived by the manner in which the invention was made.

Claims 1 – 48 are rejected under 35 U.S.C. 103(a) as being unpatentable over

an article "Hi-tech streamlines car rental process" by Matt Darah which teaches

Enterprise's Automated Rental Management System hereinafter known as ARMS in

view of applicant's submitted prior art in the specification originally filed on 19 January

2001.

Regarding claim 1, ARMS teaches system and method for managing rentals from

a rental service provider by an insurance service provider having a plurality of claims

adjusters and claims managers [page 1], comprising:

ARMS does not explicitly teach employing a server system including a database

having rental claim information for each of said rentals. However, ARMS teaches to

provide electronic data connection between insurers, adjusters and brokers with car

rental company's own system. System allows adjusters to control file processing and

updating from start to finish [page 2]. Therefore, it would have been obvious to one of

ordinary skill in the art at the time the invention was made that ARMS comprises data

storage capability [page 1];

employing a plurality of client systems for said claims adjusters and said claims

managers (provides electronic data connection between insurers, adjusters and brokers

with car rental company's own system) ;

employing a global communication network to interconnect said server system

with said client systems (electronic data connection) [page 2];

displaying at least some of said rental claim information for one of said rentals at

one of said client systems (access to electronic reservations) [page 2];

modifying said rental claim information for said one of said rentals from said one

of said client systems (allows adjuster to control the file processing and updating from

start to finish); and

reviewing by exception some of said rental claim information from another one of

said client systems (If the repair takes longer than expected, the insurance company

is automatically notified through ARMS.).

Regarding claim 2, Applicant teaches scoreboard including count of pending

(unconfirmed) reservations as a prior art [application Fig. 1 in combination with

description for the figure in the specification]. ARMS teaches

entering rental reservations (allow for access to reservation system) [page 2];

ARMS does not teach displaying at one of said client systems a scoreboard

including a count of unconfirmed rental reservations (design choice). However, Official

notice it taken that it would have obvious to one of ordinary skill in the art at the time the

invention was made that to scoreboards are designed to meet business requirements.

Therefore it would have been obvious to one of ordinary skill in the art at the time

invention was made to use the scoreboard of prior art disclosed by the applicant in the

application originally filed on 19 January 2004 and modify scoreboard of prior art and

add additional counter display of unconfirmed reservations to provide the information of

pending cases.

Regarding claim 3, ARMS does not teach displaying at one of said client systems list of open rentals (business choice to decide what information is displayed on client system, design choice on how the information is displayed on client system, non functional data is displayed by applicant on the client system). However, applicant teaches "Open rentals are rentals where the renter is actually in the vehicle" [0058]. Applicant discloses as prior art displaying at one of said client systems a list of open rentals, e.g. "Active" as displayed in Fig. 4 [application Fig. 4 in combination with description for the figure in the specification].

ARMS teaches ARMS system has capability of automated management reports, access to electronic reservation, allows adjusters to control the file processing and updating from start to finish [page 2]. It would have been obvious to one of ordinary skill in the art at the time the invention was made that ARMS teaches:

displaying rate information with said open rentals (design choice, access to electronic reservations) [page 2]; and

changing a rate for one of said open rentals (access to electronic reservations) [page 2];

Regarding claim 4, ARMS does not teach providing an expected duration for one of said open rentals; and, extending said expected duration.

However, ARMS teaches ARMS can provide access to electronic reservations [page 2]. Applicant teaches display of duration and request for an extension of the duration of as prior art [application Fig. 4, Fig. 6 in combination with description for the

figures in the specification]. Therefore it would have been obvious to one of ordinary

skill in the art at the time invention was made to modify ARMS and add displaying of

duration and extension of duration to ARMS to allow adusters to change the rental car

return date.

Regarding claim 5, ARMS does not teach ARMS displaying a message

associated with one of said open rentals. However, applicant teaches displaying a

message associated with open rentals (a rental) as prior art [application Fig. 6 in

combination with description for the figure in the specification]. Therefore it would have

been obvious to one of ordinary skill in the art at the time invention was made to modify

ARMS and display message to inform the adjuster that there is a request for an

insurance claim.

Regarding claim 6, ARMS does not teach displaying said scoreboard including

counts of pending reservations, open rentals, closed rentals, incoming messages, and

invoices. However, applicant teaches displaying said scoreboard including counts of

pending reservations, open rentals, closed rentals, incoming messages, and invoices

[application Fig, 1 in combination with description for the figure in the specification].

Regarding claim 7, applicant discloses displaying pending reservations as prior

art [application Fig. 1 in combination with description for the figure in the specification];

and

ARMS teaches canceling one of said pending reservations (access to electronic reservations) [page 2]. .

Regarding claim 8, ARMS does not teach providing a plurality of unconfirmed reservations (business choice to design reports to meet their business requirements). However, applicant disclose providing plurality of unconfirmed reservations (capability of providing different status of reservations like pending, invoiced, active etc.) as prior art [application Fig. 4 in combination with description for the figure in the specification].

Therefore it would have been obvious to one of ordinary skill in the art at the time invention was made to modify ARMS and provide unconfirmed reservations to inform support staff of reservations to be made for the claimants.

ARMS does not teach generating a plurality of reports regarding said unconfirmed reservations (business choice to design reports to meet their business requirements). However, ARMS teaches automated management reports [page 2]. Official notice it taken that it would have obvious to one of ordinary skill in the art at the time the invention was made that it is a business choice to design reports to meet their business requirements.

Therefore it would have been obvious to one of ordinary skill in the art at the time invention was made to modify ARMS and generate report for unconfirmed reservations to inform user what reservation need to made to offload claim adjusters to work on claims and have the support staff make the reservations.

Regarding claim 9, ARMS teaches generating one of said reports for one of said insurance service provider (insurance company) [page 2, automated management reports].

Regarding claim 10, ARMS teaches generating a plurality of reports regarding said pending reservations (automated management reports) [page 2].

ARMS does not teach providing a plurality of pending reservations. However, applicant disclose providing plurality of pending reservations as prior art [application Fig. 4 in combination with description for the figure in the specification].

Therefore it would have been obvious to one of ordinary skill in the art at the time invention was made to modify ARMS and provide unconfirmed reservations to inform adjusters claims which are still waiting to go to the workshop.

Regarding claim 11, ARMS teaches generating one of said reports for one of said insurance service provider (insurance company) [page 2, automated management reports].

Regarding claim 12, ARMS teaches generating a plurality of reports regarding said pending reservations (automated management reports) [page 2].

ARMS does not teach providing a plurality of open reservations. However, applicant disclose providing plurality of open reservations as prior art [application Fig. 4 in combination with description for the figure in the specification]. Therefore it would

have been obvious to one of ordinary skill in the art at the time invention was made to modify ARMS and provide unconfirmed reservations to inform adjusters claims which are in progress at the workshop.

Regarding claim 13, ARMS teaches generating one of said reports for one of said insurance service provider (insurance company) [page 2, automated management reports].

Regarding claim 14, ARMS does not explicitly teach:

maintaining a database of rental variables associated with each of said open rentals;

selecting one of said rental variables;

entering a value corresponding to said selected one of said rental variables; and

generating one of said reports including at least some of said open rentals for which said selected one of said rental variables exceeds said entered value.

However, ARMS teaches automated management reports [page 2]. Structure of query to extract information from database and generate reports is a business choice to decide what information they want to see on the report, and, design choice on how the query is generated. Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made that ARMS teaches:

maintaining a database of rental variables associated with each of said open rentals (extract data from data storage to generate report);

selecting one of said rental variables (search criteria to generate report);

entering a value corresponding to said selected one of said rental variables

(value for search criteria, e.g. date range); and

generating one of said reports including at least some of said open rentals for

which said selected one of said rental variables exceeds said entered value (search

criteria used by the user / applicant to query the data storage to extract data for desired

report).

Therefore, it would have been obvious to one of ordinary skill in the art at the

time the invention was made to modify ARMS an maintain a database to be able to

store information and allow user to execute queries to generate reports to meet

business requirements.

Regarding claims 15 – 19, ARMS does not teach employing variables and their

values to generate a query to search the data storage to generate reports. Official

notice it taken that it would have obvious to one of ordinary skill in the art at the time the

invention was made that it is a design choice to create a query using the variables

(fields in the data storage to identify data, i.e. search criteria) and the values for the

search criteria (further filtering the data extraction from the data storage) to generate a

report to meet business requirements. ARMS teaches automated management reports.

Structure of query to extract information from database and generate reports is a

business choice to decide what information they want to see on the report, and, design

choice on how the query is generated. Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made that ARMS teaches:

Therefore it would have been obvious to one of ordinary skill in the art at the time invention was made to modify ARMS and allow users to define search criteria and assign values to the search criteria to extract data from data storage and generate report to meet business requirements.

Regarding claim 20, ARMS teaches automated generated reports. Structure of query to extract information from database and generate reports is a business choice to decide what information they want to see on the report, and, design choice on how the query is generated. Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made that ARMS teaches capability of providing:

providing a plurality of billed rentals; and

generating a plurality of reports regarding said billed rentals.

Regarding claim 21, ARMS teaches generating one of said reports for one of said insurance service provider (insurance company) [page 2, automated management reports].

Regarding claim 22, ARMS teaches automated generated reports [page 2]. Structure of query to extract information from database and generate reports is a business choice to decide what information they want to see on the report, and, design

choice on how the query is generated. Therefore, it would have been obvious to one of

ordinary skill in the art at the time the invention was made that ARMS teaches capability

of providing:

generating a summary report including, for each of said claims adjusters

(manager report to check productivity of adjusters), at least some of: an identification of

one of said claims adjusters (identification to identify adjuster), an average count of

rentals (report criteria), an average length of rentals (report criteria), an average count

of authorized days (report criteria), an average rental rate (report criteria), an average

authorized rental rate (report criteria), an average count of extensions (report criteria),

and an average total bill (report criteria).

Regarding claim 23, ARMS teaches automated generated reports [page 2].

Structure of query to extract information from database and generate reports is a

business choice to decide what information they want to see on the report, and, design

choice on how the query is generated. Therefore, it would have been obvious to one of

ordinary skill in the art at the time the invention was made that ARMS teaches capability

of providing:

generating a detail report including, for each of said rentals (contents of the

report) and for each of said claims adjusters (selection criteria), at least some of: a

renter's name (content of report, prior art, application Fig. 4), an insured/claimant

identification (content of report, prior art, application Fig. 4), a claim number (content of

report, prior art, application Fig. 4), a date out (content of report, prior art, application

Fig. 4], a date in (content of report, prior art, application Fig. 4), a rental length (content

of report), a billed date (content of report, prior art, application Fig. 4), a count of

authorized days (content of report, prior art, application Fig. 6), an authorized rate

(content of report), a count of times extended (content of report), a vehicle class

(content of report), a vehicle rental rate (content of report), and a total bill (content of

report).

Regarding claim 24, ARMS teaches automated generated reports [page 2].

Structure of query to extract information from database and generate reports is a

business choice to decide what information they want to see on the report, and, design

choice on how the query is generated. Therefore, it would have been obvious to one of

ordinary skill in the art at the time the invention was made that ARMS teaches capability

of providing:

      employing a plurality of renter types; and

      generating said one of said reports for one of said renter types.

Regarding claim 25, ARMS does not teach employing insured and claimant as

said renter types. However, applicant teaches employing insured and claimant as renter

types in Fig. 4 as prior art. Therefore it would have been obvious to one of ordinary skill

in the art at the time invention was made to modify ARMS and employ insured and

claimant as renter types to have a single system cater to both type of renters.

Regarding claim 26, ARMS teaches automated generated reports [page 2].

Structure of query to extract information from database and generate reports is a

business choice to decide what information they want to see on the report, and, design

choice on how the query is generated. Therefore, it would have been obvious to one of

ordinary skill in the art at the time the invention was made that ARMS teaches capability

of providing:

generating said one of said reports for all of said renter types (criteria for

searching data storage to extract data to generate desired report).

Regarding claim 27, ARMS teaches automated generated reports [page 2].

Structure of query to extract information from database and generate reports is a

business choice to decide what information they want to see on the report, and, design

choice on how the query is generated. Therefore, it would have been obvious to one of

ordinary skill in the art at the time the invention was made that ARMS teaches capability

of providing:

entering a starting date and a billing date (to further filter data extraction from

data storage, e.g. extract activity for the month of January, i.e. 1/1/2004 to 1/31/2004);

and

generating said one of said reports for each of said billed rentals which has said

vehicle out date on or after said starting date and said vehicle in date prior to said billing

date.

Regarding claim 28, ARMS teaches automated generated reports [page 2].

Structure of query to extract information from database and generate reports is a

business choice to decide what information they want to see on the report, and, design

choice on how the query is generated. Therefore, it would have been obvious to one of

ordinary skill in the art at the time the invention was made that ARMS teaches capability

of providing:

entering a starting date and an ending date (to further filter data extraction from

data storage, e.g. extract activity for the month of January, i.e. 1/1/2004 to 1/31/2004);

and

generating said one of said reports for each of said closed rentals which has said

vehicle out date on or after said starting date and said vehicle in date prior to said

ending date.

Regarding claim 29, ARMS teaches automated generated reports [page 2].

Structure of query to extract information from database and generate reports is a

business choice to decide what information they want to see on the report, and, design

choice on how the query is generated. Therefore, it would have been obvious to one of

ordinary skill in the art at the time the invention was made that ARMS teaches capability

of providing:

employing a plurality of open rentals and closed rentals;

employing a vehicle out date associated with each of said open rentals; and

employing a vehicle out date and a vehicle in date associated with each of said

closed rentals (applicant teaches vehicle out data and vehicle in date as prior art)

[application Fig. 4 in combination with description for the figure in the specification].

Regarding claim 30, ARMS teaches automated generated reports [page 2].

Structure of query to extract information from database and generate reports is a

business choice to decide what information they want to see on the report, and, design

choice on how the query is generated. Therefore, it would have been obvious to one of

ordinary skill in the art at the time the invention was made that ARMS teaches capability

of providing:

maintaining a database (data storage) for each of said vehicle rentals (allows

adjuster to control file processing and updating from start to finish) [page 2];

associating one of said claims adjusters with each of said vehicle rentals in said

database (discloses as prior art by applicant in application Fig. 6];

selecting one of said claims adjusters (search criteria); and

searching said database for said vehicle rentals, which are associated with said

selected one of said claims adjusters (search the data storage with the value assigned

to the search criteria).

Regarding claim 31, ARMS teaches automated generated reports [page 2].

Structure of query to extract information from database and generate reports is a

business choice to decide what information they want to see on the report, and, design

choice on how the query is generated. Therefore, it would have been obvious to one of

ordinary skill in the art at the time the invention was made that ARMS teaches capability

of providing:

providing a plurality of unconfirmed reservations (data extracted from data

storage to generate a report); and

providing a listing of all of said unconfirmed reservations (actual report).

Regarding claim 32, ARMS teaches automated generated reports [page 2].

Structure of query to extract information from database and generate reports is a

business choice to decide what information they want to see on the report, and, design

choice on how the query is generated. Therefore, it would have been obvious to one of

ordinary skill in the art at the time the invention was made that ARMS teaches capability

of providing:

providing (a) a plurality of pending reservations, (b) a plurality of open rentals,

and (c) a plurality of closed rentals (data extracted from data storage to generate a

report); and

providing a listing of all of one of (a) said pending reservations (prior art,

application Fig. 4), (b) said open rentals (prior art, application Fig. 4), and (c) said

closed rentals (prior art, application Fig.4) [actual report as desired by the user].

Regarding claim 33, ARMS teaches system and method for managing vehicle

rentals from a vehicle rental service provider (Enterprise Rent-A-Car) for a plurality of

users (adjusters). Arms does not explicitly teach employing a server system including a database (data storage) having vehicle rental variables for said vehicle rentals; However, ARMS teaches to provide electronic data connection between insurers, adjusters and brokers with car rental company's own system. System allows adjusters to control file processing and updating from start to finish [page 2].

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made that ARMS teaches employing a server system (ARMS) including a database (data storage) having vehicle rental variables (data fields in data storage) for said vehicle rentals (product sold by Enterprise Rent-A-Car) to be able to provide access to system and information stored on the system to their users.

Structure of query to extract information from database and generate reports is a business choice to decide what information they want to see on the report, and, design choice on how the query is generated. Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made that ARMS teaches capability of:

employing a plurality of client systems (allow body shops and insurance companies to talk directly to each other electronically in order for both parties to track the status of the rental car) for said users [page 2];

employing a global communication network (allow access to electronic reservations) to interconnect said server system with said client systems;

selecting one of said vehicle rental variables (search criteria to extract data from data storage);

entering a value corresponding to said selected one of said vehicle rental variables (value for search criteria to further filter the data extraction from data storage, i.e. query with values for search criteria e.g. data range); and

generating a report for at least one of said vehicle rentals for which said selected one of said vehicle rental variables differs from said entered value (report generated after the execution of query supplied by the user, e.g. rental days > 7 which will extract rentals with 8 or more days).

Regarding claim 34, ARMS teaches automated management reports [page 2]. ARMS does not teach contents and methods of generating the reports. However, Official notice it taken that it would have been obvious to one of ordinary skill in the art at the time the invention was made that businesses extract data from data storage and generate the reports with desired fields. Structure of query to extract information from database and generate reports is a business choice to decide what information they want to see on the report, and, design choice on how the query is generated. Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made that ARMS teaches capability of:

employing open vehicle rentals and closed vehicle rentals with said vehicle rental variables in said database (search criteria for query to extract data from data storage); and

generating said report for said open vehicle rentals and said closed vehicle rentals (display extracted data).

Regarding claim 35, ARMS teaches automated management reports [page 2].

Structure of query to extract information from database and generate reports is a

business choice to decide what information they want to see on the report, and, design

choice on how the query is generated. Therefore, it would have been obvious to one of

ordinary skill in the art at the time the invention was made that ARMS teaches capability

of generating said report for only one of all of said open vehicle rentals and all of said

closed vehicle rentals (data extracted based upon the values of the search criteria).

Regarding claim 36, ARMS does not teach associating vehicle rental claim files

with said vehicle rentals in said database. However, applicant teaches associating

vehicle rental claim files with said vehicle rentals in said database (data storage)

[application Fig. 5 in combination with description for the figure in the specification].

Therefore, it would have been obvious to one of ordinary skill in the art at the time the

invention was made to modify ARMS and associate vehicle rental claim files with said

vehicle rentals in said database to be able to determine insurance responsible for

settling the rental claim.

Regarding claim 37, ARMS teaches automated management reports [page 2].

ARMS does not teach contents and methods of generating the reports. However,

Official notice it taken that it would have been obvious to one of ordinary skill in the art

at the time the invention was made that businesses extract data from data storage and

generate the reports with desired fields. Structure of query to extract information from database and generate reports is a business choice to decide what information they want to see on the report, and, design choice on how the query is generated. Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made that ARMS teaches capability of:

employing an authorized rental rate and an actual rental rate as some of said vehicle rental variables (search criteria to extract data from data storage);

employing a cost value as said entered value (search criteria to extract data from data storage); and

generating said one of said reports including at least some of said open rentals for which said actual rental rate exceeds said authorized rental rate (display extracted data).

Regarding claim 38, ARMS teaches automated management reports [page 2]. ARMS does not teach contents and methods of generating the reports. However, Official notice it taken that it would have been obvious to one of ordinary skill in the art at the time the invention was made that businesses extract data from data storage and generate the reports with desired fields. Structure of query to extract information from database and generate reports is a business choice to decide what information they want to see on the report, and, design choice on how the query is generated. Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made that ARMS teaches capability of:

employing an authorized rental period as one of said vehicle rental variables (search criteria to extract data from data storage);

employing a time value as said entered value (search criteria to extract data from data storage); and

generating said one of said reports including at least some of said open rentals for which said authorized rental period is less than said time value (display extracted data).

Regarding claim 39, ARMS teaches automated management reports [page 2]. ARMS does not teach contents and methods of generating the reports. However, Official notice it taken that it would have been obvious to one of ordinary skill in the art at the time the invention was made that businesses extract data from data storage and generate the reports with desired fields. Therefore, ARMS inherently / obviously comprises:

employing a count of rental extensions as one of said vehicle rental variables (search criteria to extract data from data storage);

employing a count value as said entered value (search criteria to extract data from data storage); and

generating said one of said reports including at least some of said open rentals for which said count of rental extensions exceeds said count value. (display extracted data)

Regarding claim 40, ARMS teaches automated management reports [page 2].

ARMS does not teach contents and methods of generating the reports. However,

Official notice it taken that it would have been obvious to one of ordinary skill in the art

at the time the invention was made that businesses extract data from data storage and

generate the reports with desired fields. Structure of query to extract information from

database and generate reports is a business choice to decide what information they

want to see on the report, and, design choice on how the query is generated. Therefore,

it would have been obvious to one of ordinary skill in the art at the time the invention

was made that ARMS teaches capability of:

employing a total rental cost as one of said vehicle rental variables (search

criteria to extract data from data storage);

employing a cost value as said entered value (search criteria to extract data from

data storage); and

generating said one of said reports including at least some of said open rentals

for which said total rental cost exceeds said cost value (display extracted data).

Regarding claim 41, ARMS teaches automated management reports [page 2].

ARMS does not teach contents and methods of generating the reports. However,

Official notice it taken that it would have been obvious to one of ordinary skill in the art

at the time the invention was made that businesses extract data from data storage and

generate the reports with desired fields. Structure of query to extract information from

database and generate reports is a business choice to decide what information they

want to see on the report, and, design choice on how the query is generated. Therefore,

it would have been obvious to one of ordinary skill in the art at the time the invention

was made that ARMS teaches capability of:

employing an extension time period as one of said vehicle rental variables

(search criteria to extract data from data storage);

employing a time value as said entered value (search criteria to extract data from

data storage); and

generating said one of said reports including at least some of said open rentals

for which said extension time period exceeds said time value (display extracted data).

Regarding claim 42, ARMS teaches system and method for managing vehicle

rentals from a vehicle rental service provider for a plurality of users (adjusters). ARMS

does not teach explicitly teach a server system including a routine and a database

having vehicle rental variables associated with each of said vehicle rentals; However,

ARMS teaches to provide electronic data connection between insurers, adjusters and

brokers with car rental company's own system. System allows adjusters to control file

processing and updating from start to finish [page 2].

Therefore, ARMS inherently / obviously comprises a server system including a

routine and a database (data storage) having vehicle rental variables associated with

each of said vehicle rentals (system provides electronic data connection between

insurers, adjusters, and brokers with the car rental company's own system) [page 1];

Structure of query to extract information from database and generate reports is a

business choice to decide what information they want to see on the report, and, design

choice on how the query is generated. Therefore, it would have been obvious to one of

ordinary skill in the art at the time the invention was made that ARMS teaches capability

of providing:

a plurality of client systems for said users (adjusters), each of said client systems

including a data entry component selecting one of said vehicle rental variables, entering

a value corresponding to said selected one of said vehicle rental variables, and entering

a request for a report based upon said value and said selected one of said vehicle

rental variables (automated management reports) [page 2]; and

a global communication network interconnecting said server system with said

client systems, said global communication network sending said request from one of

said client systems to said server system, the routine of said server system generating

said report for at least one of said vehicle rentals for which said selected one of said

vehicle rental variables differs from said entered value, said global communication

network sending said report to said one of said client systems (system provides

electronic data connection between insurers, adjusters, and brokers with the car rental

company's own system) [page 1].

Regarding claim 43, ARMS does not teach global communication network is the

Internet. However, Official notice it taken that it would have been obvious to one of

ordinary skill in the art at the time the invention was made that is a design choice to

decide on communication network (internet, intranet). Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify ARMS and use internet as global communication network to provide user access to widely used network like internet.

Regarding claim 44, ARMS does not teach its data table structures. However, Official notice it taken that it would have been obvious to one of ordinary skill in the art at the time the invention was made that it is a design choice to design data tables to meet business objectives. Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify ARMS and design the data tables to meet business requirements. Therefore, ARMS inherently / obviously teaches vehicle rental variables include an authorized rental rate (data field to store data value) and an actual rental rate (data field to store data value); wherein said entered value is a cost value (value of the data which will be stored in the data field); and wherein said routine generates said one of said reports including at least some of said open rentals for which said actual rental rate exceeds said authorized rental rate (data fields which will be be presented to the user after extracting the data from data storage based upon the search criteria).

Regarding claim 45, ARMS does not teach its data table structures. However, Official notice it taken that it would have been obvious to one of ordinary skill in the art at the time the invention was made that it is a design choice to design data tables to

meet business objectives. Therefore, it would have been obvious to one of ordinary skill

in the art at the time the invention was made to modify ARMS and design the data

tables to meet business requirements. Therefore, ARMS inherently / obviously teaches

vehicle rental variables include an authorized rental period (data field to store data

value); wherein said entered value is a time value; and wherein said routine generates

said one of said reports including at least some of said open rentals for which said

authorized rental period is less than said time value (data fields which will be be

presented to the user after extracting the data from data storage based upon the search

criteria).

        Regarding claim 46, ARMS does not teach its data table structures. However,

Official notice it taken that it would have been obvious to one of ordinary skill in the art

at the time the invention was made that it is a design choice to design data tables to

meet business objectives. Therefore, it would have been obvious to one of ordinary skill

in the art at the time the invention was made to modify ARMS and design the data

tables to meet business requirements. Therefore, ARMS inherently / obviously teaches

vehicle rental variables include a count of rental extensions (data field to store data

value); wherein said entered value is a count value; and wherein said routine generates

said one of said reports including at least some of said open rentals for which said count

of rental extensions exceeds said count value (data fields which will be presented to the

user after extracting the data from data storage based upon the search criteria).

Regarding claim 47, ARMS does not teach its data table structures. However, Official notice it taken that it would have been obvious to one of ordinary skill in the art at the time the invention was made that it is a design choice to design data tables to meet business objectives. Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify ARMS and design the data tables to meet business requirements. Therefore, ARMS inherently / obviously teaches vehicle rental variables include a total rental cost (data field to store data value); wherein said entered value is a cost value; and wherein said routine generates said one of said reports including at least some of said open rentals for which said total rental cost exceeds said cost value (data fields which will be presented to the user after extracting the data from data storage based upon the search criteria).

Regarding claim 48, ARMS does not teach its data table structures. However, Official notice it taken that it would have been obvious to one of ordinary skill in the art at the time the invention was made that it is a design choice to design data tables to meet business objectives. Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify ARMS and design the data tables to meet business requirements. Therefore, ARMS inherently / obviously teaches vehicle rental variables include an extension time period; wherein said entered value is a time value (data field to store data value); and wherein said routine generates said one of said reports including at least some of said open rentals for which said extension

time period exceeds said time value (data fields which will be presented to the user after

extracting the data from data storage based upon the search criteria).

Conclusion

Applicant is required under 37 CRF '1.111 (c) to consider the references fully

when responding to this office action.

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time

policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE

MONTHS from the mailing date of this action. In the event a first reply is filed within

TWO MONTHS of the mailing date of this final action and the advisory action is not

mailed until after the end of the THREE-MONTH shortened statutory period, then the

shortened statutory period will expire on the date the advisory action is mailed, and any

extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of

the advisory action. In no event, however, will the statutory period for reply expire later

than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Naresh Vig whose telephone number is 703.305.3372.

The examiner can normally be reached on M-F 7:30 - 5:00 (Alt Friday off).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, John Weiss can be reached on 703.308.2702. The fax phone number for

the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the

Patent Application Information Retrieval (PAIR) system. Status information for

published applications may be obtained from either Private PAIR or Public PAIR.

Status information for unpublished applications is available through Private PAIR only.

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you have questions on access to the Private PAIR system, contact the Electronic

Business Center (EBC) at 866-217-9197 (toll-free).

Naresh Vig
December 27, 2004

DENNIS RUHL
PRIMARY EXAMINER